

**METHOD AND APPARATUS FOR
MOLD TEMPERATURE CONTROL USING AIR**

ABSTRACT

A method and apparatus for controlling the temperature of an
5 injection mold passes pressurized air contained in an air supply tube
through an orifice into an exhaust channel, wherein the pressure of the air
in the exhaust channel is lower than the pressure of the air in the air
supply tube. As the pressurized air is released through the orifice, cooling
is produced that can be applied to a portion of an injection mold where
10 cooling is desired, in order to control the temperature of that portion of
the injection mold.